## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

1. (Currently Amended) A method for processing input/output request packets (IRPs) directed to Data Volumes having a meta-data extent and at least one data extent, the method comprising the steps of:

initiating receiving an initial IRP;

evaluating the <u>initial</u> IRP by a <u>first</u> volume filter <u>associated with the meta-data extent</u> to determine a <u>the</u> meta-data extent to handle the IRP;

directing the IRP by the <u>first</u> volume filter to the appropriate meta-data extent; and redirecting the IRP from the meta-data extent to <u>a second volume filter associated with</u> the at least one data extent associated with the meta-data extent; and

returning a response to the initial IRP from the second volume filter associated with the at least one data extent:

wherein the meta-data extent and at least one data extent comprise at least two logical drives; and

the meta-data extent comprises configuration information for use in setting up and maintaining the Data Volumes.

2. (Original) The method of claim 1 wherein the IRP is initiated by an originator of input/output (I/O).

- 3. (Original) The method of claim 2 wherein the originator of I/O is a Small Computer System Interface Target Mode Driver (SCSITMD).
- 4. (Original) The method of claim 1 wherein the meta-data extent is associated with a plurality of data extents.
- 5. (Original) The method of claim 4 wherein the plurality of data extents are located on a plurality of physical disks.
  - 6. (Canceled)
- 7. (Previously presented) The method of claim 1 wherein the redirecting step includes creating additional IRPs by the volume filter, each additional IRP being derived from the initiated IRP and relating to a single data extent.
- 8. (Original) The method of claim 1 wherein the meta-data extent and at least one data extent are Basic Volumes and the method is implemented above said Basic Volumes.
- 9. (Previously presented) A method for storing data across at least one physical disk and presenting the data as a single virtual disk, comprising the steps of:

forwarding a first input/output request packet (IRP) from an originator of I/O to a <u>first</u> volume filter associated with a meta-data extent, the meta-data extent being associated with at least one data extent of a Data Volume;

intercepting the first IRP by a the volume filter associated with the meta-data extent; creating an additional IRP by the first volume filter for each data extent affected by the first IRP;

transmitting the additional IRPs to a second volume filter associated with each data extent affected by the first IRP; and

allowing the additional IRPs to pass through a the second volume filter associated with volume filter of each data extent affected by the first IRP; and

returning a response to the first IRP from the second volume filter associated with the at least one data extent to the originator.

## 10. (Canceled)

- 11. (Previously presented) The method of claim 9 wherein the data extents are located on separate physical disks.
- 12. (Previously presented) The method of claim 9 wherein the data extents affected by the first IRP are located on separate physical disks.
- 13. (Original) The method of claim 11 wherein the meta-data extent and data extents are Basic Volumes and the method is implemented above said Basic Volumes.

14. (Currently amended) A computer system for providing Data Volumes comprising:

a plurality of storage clients connected to at least one storage server across a computer network;

a plurality of magnetic disks wherein Data Volumes may be created and virtually presented to said storage clients, each of said Data Volumes having a meta-data extent and at least one data extent, the meta-data extent including a <u>first</u> volume filter adapted to redirect input/output request packets (IRPs) received from one of the storage clients to a second volume <u>filter associated with</u> the at least one data extent, said <u>first</u> volume filter configured to create an additional IRP for each data extent affected by the IRP; <u>the second volume filter associated with</u> each of the at least one data extent returns a response to the IRP; and

a central management facility for controlling the at least one storage server.

- 15. (Original) The computer system of claim 14 wherein the computer network is a fibre channel network.
- 16. (Original) The computer system of claim 14 wherein each storage client is presented with a virtual disk including at least one Data Volume having a meta-data extent and at least one data extent.
  - 17. (Canceled)

- 18. (Previously presented) The computer system of claim 14 wherein the at least one data extent is a plurality of data extents and the IRPs are redirected to the data extents based on which data extents are affected by the IRPs.
- 19. (Original) The computer system of claim 14 wherein each storage client is presented with a particular Data Volume including a meta-data extent and at least one data extent.
- 20. (Original) The computer system of claim 19 wherein the Data Volume is a simple volume.
- 21. (Original) The computer system of claim 19 wherein the Data Volume is a spanned volume.
- 22. (Original) The computer system of claim 21 wherein the Data Volume includes at least three Basic Volumes and a volume filter is logically disposed above said Basic Volumes.
- 23. (Previously presented) A volume filter for redirecting input/output request packets (IRPs) sent from an input/output (I/O) originator, the volume filter comprising:

intercepting means for intercepting IRPs sent to a meta-data extent associated with a Basic Volume;

evaluating means for evaluating IRPs to determine a meta-data extent to handle the IRP;

redirecting means for redirecting the IRPs to at least one data extent associated with at least one other Basic Volume wherein a plurality of data extents are associated with an equal number of Basic-Volumes; and

creating means for creating an additional IRP for each data extent affected by a redirected IRP.

- 24. (Original) The volume filter of claim 23 wherein the plurality of data extents includes data extents located on separate physical disks.
- 25. (Original) The volume filter of claim 24 wherein the volume filter is logically disposed above the Basic Volumes.